

ABSTRACT OF THE DISCLOSURE

The present invention includes a grommet and valve stem assembly. The assembly includes a grommet having a body, a nose section at a grommet first end, a cylindrical section having a first end adjoined to the nose section and a second
5 end from which a flange section projects radially. The flange section has a substantially flat surface opposite to the cylindrical section. At least one interface seal is formed on the flat surface as a hemispherical projection located concentrically about a grommet center axis. An axial bore passes centrally through the body, and a valve stem is configured for insertion through the grommet bore. The valve stem
10 includes a threaded portion configured to receive a retaining nut and a flange having a substantially flat surface configured to form at least one sealing interface with the at least one interface seal when the nut is tightened to the valve stem.